AR&E Docket No.: 22350/20 UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

YOKHIN et al.

Serial No.:

10/635,365

Filed:

August 6, 2003

For:

XRR DETECTOR READOUT PROCESSING

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

BOX IDS

Sir:

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Pursuant to 37 C.F.R. §§§ 1.56, 1.97, and 1.98, applicant encloses herewith forms PTO/SB/08 A and B - two (2) pages, containing references which were cited either by the Applicant or the Examiner in the Parent Application No. 10/300,504 of the aboveidentified application. The Examiner is respectfully requested fully to consider all of the items, and independently to assess their teachings.

It is believed that no fee is necessary in connection with the filing of this Information Disclosure Statement because it is believed to be filed before a first Office Action on the merits of the above-indicated application. However, if a fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 01-1785.

Respectfully submitted,

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New York, New York 10016

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Dated: November 12, 2003

New York, New York

By:

Karl Kolbinger

Registration No. 41,124

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | | |
|------------------------|----------------|--|--|
| Application Number | 10/635,365 | | |
| Filing Date | August 6, 2003 | | |
| First Named Inventor | Boris Yokhin | | |
| Art Unit | | | |
| Examiner Name | | | |
| Attorney Docket Number | 22350/20 | | |

| Examiner | Cite | Decument Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where |
|-----------|------|---|------------------|-----------------------------|---|
| Initials* | No.1 | Document Number | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ^{2 (# known)} | | | Figures Appear |
| | | ^{US-} 5,619,548 | 04-08-1977 | Koppel | |
| | | ^{US-} 5,740,226 | 04-14-1998 | Komiya et al. | |
| | | ^{US-} 5,574,284 | 11-12-1996 | Farr | |
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| | | US- | | | - |
| | | US- | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------|--------------------------|--|---------------------|--|---|----------------|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (<i>if known</i>) | MM-DD-YYYY | | Or Relevant Figures Appear | T ⁶ |
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| Examiner | Dat | ite |
|-----------|-----|-----------|
| Signature | Cor | onsidered |

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Sheet 2

| | Complete II Known | • |
|------------------------|-------------------|---|
| Application Number | 10/635,365 | |
| Filing Date | August 6, 2003 | |
| First Named Inventor | Boris Yokhin | |
| Art Unit | - | |
| Examiner Name | | |
| Attorney Docket Number | 22350/20 | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|---------------------------------|--|---|--|
| Examiner Cite Initials* No.1 | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issunumber(s), publisher, city and/or country where published. | |
| | | Chihab et al., "New Apparatus for Grazing X-Ray Reflectometry in the Angle-Resolved Dispersive Mode", Journal of Applied Crystallography 22 (1989), p. 460. | |
| | | XTF5011 Tube, Produced by Oxford Instruments of Scotts Valley, California, June, 1999. | |
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| | | Weiner et al., Characterization of Titanium Nitride Layers by Grazing-Emission X-Ray Fluorescence Spectrometry", in Applied Surface Science 125 (1998), p. 129. | |
| | | Model S7032-0908N array, Produced by Hamamatsu, of Hamamatsu City, Japan, May, 2000. | |
| | | William Johnson, et al., "ULSI Application of Rapid X-Ray Reflectometry", Therma Wave, Inc. June 26, 2000. | |
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| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

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